

What is claimed is:

1. A machine-readable project file, encoded in a machine-readable medium, related to a process controllable via a PLC, comprising:
 - a user program for controlling the process;
 - a recipe comprising a plurality of input values, each input value from the plurality of input values corresponding to a process variable; and
 - a structure for a data log file stored separately from the data log file.
2. The project file of claim 1, further comprising a structure for the recipe stored separately from the recipe.
3. The project file of claim 1, further comprising a support document relating to at least one of the user program, the recipe, and the data log file.
4. The project file of claim 1, comprising a support document relating to at least one of the user program, the recipe, and the data log file, wherein the support document comprises images.
5. A method for utilizing a memory cartridge connected to a PLC, the memory cartridge comprising a plurality of memory segments, the method comprising a plurality of activities comprising:
 - providing the memory cartridge, the memory cartridge housing a memory module; and
 - providing to the memory cartridge a project file comprising a user program, a recipe comprising a plurality of input values, each input value from the plurality of input values corresponding to a process variable, and a structure of a data log file stored separately from the data log file.

6. The method of claim 5, wherein the project file further comprises a structure of the recipe stored separately from the recipe.
7. The method of claim 5, the project file further comprising a support document relating to at least one of the user program, the recipe, and the data log file.
8. A method for utilizing a memory cartridge connected to a PLC, the memory cartridge comprising a plurality of memory segments, the method comprising a plurality of activities comprising:
 - prompting a user to select a language to display, on a user interface device connected to the PLC, information relating to a project file stored in the memory cartridge coupled to the PLC;
 - receiving a user input corresponding to a selected language; and
 - responsive to the user input, displaying in the selected language, on the user interface device, information relating to the project file.
9. The method of claim 8, further comprising:
 - locating in the memory cartridge the information stored in the selected language.
10. The method of claim 8, further comprising:
 - locating in the memory cartridge the information in a default language.

11. A method for utilizing a memory cartridge connected to a PLC, the memory cartridge comprising a plurality of memory segments, the method comprising a plurality of activities comprising:

prompting a user, on a user interface device connected to the PLC, to select for storage in the memory cartridge at least one project file element comprising a user program, a recipe comprising a plurality of input values, each input value from the plurality of input values corresponding to a process variable, a structure of the recipe stored separately from the recipe, a structure of a data log file stored separately from the data log file, and documentation relating to elements of the project file; and

receiving a user input corresponding to a selection of at least one project file element for storage in the memory cartridge.

12. The method of claim 11, further comprising:

responsive to the user input, providing the at least one project file element to the memory cartridge.

13. The method of claim 11, further comprising:

responsive to the user input, providing a second project file to the memory cartridge comprising the at least one project file element, differing from a first project file stored on the memory cartridge.

14. A machine-readable medium having stored thereon a plurality of instructions for using and managing a computer-readable project file on a memory cartridge couplable to a PLC, the project file comprising:

a user program for controlling the process;

a recipe comprising a plurality of input values, each input value from the plurality of input values corresponding to a process variable; and

a structure for a data log file stored separately from the data log file.

15. The machine-readable medium of claim 14, further comprising a structure for the recipe stored separately from the recipe.
16. The machine-readable medium of claim 14, further comprising a support document relating to at least one of the user program, the recipe, and the data log file.
17. A method for utilizing a memory cartridge connected to a PLC, the memory cartridge comprising a plurality of memory segments, the method comprising a plurality of activities comprising:
 - prompting a user to select a language to display, on a user interface device connected to a PLC, information comprising a project file stored in the memory device coupled to the PLC;
 - receiving a user input corresponding to a selected language; and
 - responsive to the user input, displaying in the selected language, on the user interface device, the information comprising a project file stored in the memory device.
18. The method of claim 17, further comprising:
 - locating in the memory device the information stored in the selected language.
19. The method of claim 17, further comprising:
 - locating in the memory device the information in a default language.
20. The method of claim 17, further comprising:
 - locating in the memory device the information in a default language; and
 - translating the information to the selected language.